

Processed Fishery Products

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 2004 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 590.1 million pounds—22.3 million pounds less than the 612.5 million pounds in 2003. These fillets and steaks were valued at \$969.1 million. Alaska pollock fillets and blocks led all species with 384.4 million pounds—65 percent of the total. Production of ground-fish fillets and steaks (see Glossary Section-Groundfish) was 477.3 million pounds.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 194.4 million pounds valued at \$281.2 million compared with the 2003 production of 193.6 million pounds valued at \$261.7 million. The total production of fish sticks amounted to 59.7 million pounds valued at \$71.4 million. The total production of fish portions amounted to 134.7 million pounds valued at \$209.8 million.

BREADED SHRIMP. The production of breaded shrimp in 2004 was 110.5 million pounds valued at \$306.4 million, compared with the 2003 production of 152.0 million pounds valued at \$465.3 million.

CANNED PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.1 billion pounds valued at \$1.1 billion—a decrease of 189.0 million pounds and \$139.4 million compared with the 2003 pack. The 2004 pack included 762.7 million pounds valued at \$966.5 million for human consumption and 343.6 million pounds valued at \$132.7 million for bait and animal food.

CANNED SALMON. The 2004 U.S. pack of salmon was 200.1 million pounds valued at \$256.4 million, compared with 188.7 million pounds valued at \$247.1 million packed in 2003.

CANNED SARDINES. The pack of Maine sardines (small herring) can not be shown due to the confidential nature of the data.

CANNED TUNA. The U.S. pack of tuna was 434.1 million pounds valued at \$568.9 million—a decrease of 95.2 million pounds in quantity and \$99.7 million in value

compared with the 2003 pack. The pack of albacore tuna was 182.9 million pounds comprising 42 percent of the tuna pack in 2004. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 251.2 million pounds.

CANNED CLAMS. The 2004 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 109.0 million pounds valued at \$112.7 million. The pack of whole and minced clams was 33.0 million pounds and accounted for 30 percent of the total clam pack. Clam chowder and clam juice was 69.3 million pounds and made up the majority of the pack.

OTHER CANNED ITEMS. The pack of pet food was 343.6 million pounds valued at \$132.7 million—a decrease of 93.6 million pounds compared with the 2003 pack.

INDUSTRIAL FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was \$202.9 million—a decrease of \$19.0 million compared with the 2003 value of \$222.0 million

FISH MEAL. The domestic production of fish and shellfish meal was 575.1 million pounds valued at \$260.9 million—a decrease of 27.7 million pounds and \$12.6 million compared with 2003. Fish meal production was 571.2 million pounds valued at \$152.8 million—a decrease of 24.9 million pounds and an increase of \$19.2 million from the 2003 production. Shellfish meal production was 3.9 million pounds—a decrease of 2.8 million pounds from the 2003 level.

FISH OILS. The domestic production of fish oils was 179.4 million pounds valued at \$35.2 million—a decrease of 16.3 million pounds and an increase of \$766.0 thousand in value compared with 2003 production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, pearl essence, and mussel shell buttons were valued at \$14.6 million, compared with \$53.5 million in 2003.

Processed Fishery Products

VALUE OF PROCESSED FISHERY PRODUCTS, 2003 AND 2004 (Processed from domestic catch and imported products)

Item	2003 (1)		2004	
	<u>Thousand dollars</u>	<u>Percent of total</u>	<u>Thousand dollars</u>	<u>Percent of total</u>
Edible:				
Fresh and frozen	5,909,651	79	5,154,699	78
Canned	1,075,916	14	966,485	15
Cured	143,660	2	147,530	2
Total edible	7,129,227	95	6,268,714	95
Industrial:				
Bait and animal food (canned)	162,691	2	132,688	2
Meal and oil	168,446	2	188,294	3
Other	53,514	1	14,620	0
Total industrial	384,651	5	335,602	5
Grand total	7,513,878	100	6,604,316	100

(1) Revised. Value is based on selling price at the plant.

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1995-2004

Year	Fish sticks			Fish portions			Breaded shrimp		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
1995	74,066	33,596	73,478	251,217	113,951	356,518	100,522	45,596	299,355
1996	65,244	29,594	55,802	213,962	97,053	306,501	108,486	49,209	341,770
1997	69,167	31,374	64,298	195,554	88,703	285,348	117,471	53,284	334,939
1998	68,778	31,197	63,473	184,681	83,771	211,356	109,481	49,660	333,257
1999	65,019	29,492	63,396	203,279	92,207	269,125	119,149	54,046	351,891
2000	39,925	18,110	42,549	182,736	82,889	233,368	121,399	55,066	375,453
2001	43,014	19,511	41,539	189,186	85,814	235,460	152,205	69,040	539,705
2002	47,587	21,585	51,060	186,748	84,708	237,426	146,724	66,554	463,781
2003	31,484	14,281	34,743	162,103	73,529	226,915	152,032	68,961	465,347
2004	59,697	27,078	71,419	134,689	61,095	209,770	110,452	50,101	306,397

Processed Fishery Products

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 2003 AND 2004

Species	2003 (1)			2004		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
Fillets:						
Amberjack	62	28	272	59	27	273
Anglerfish	1,495	678	3,980	1,030	467	3,436
Bluefish	227	103	496	228	103	499
Cod	56,018	25,410	171,087	36,526	16,568	81,244
Cusk	56	25	197	96	44	341
Dolphinfish	4,766	2,162	16,407	4,039	1,832	16,637
Drum	15	7	69	14	6	80
Flounders	20,765	9,419	62,018	20,394	9,251	66,484
Groupers	2,177	987	12,803	1,691	767	12,667
Haddock	8,350	3,788	34,673	10,175	4,615	43,646
Hake	25,729	11,671	19,747	40,696	18,460	30,480
Halibut	4,098	1,859	23,482	2,009	911	14,060
Lingcod	181	82	557	132	60	326
Marlins	63	29	224	57	26	238
Ocean perch:						
Atlantic	836	379	2,502	1,147	520	3,029
Pacific	1,212	550	2,581	721	327	1,464
Pollock:						
Atlantic	6,689	3,034	10,144	3,505	1,590	6,092
Alaska	366,526	166,255	394,771	384,391	174,359	366,380
Rockfishes	5,116	2,321	11,804	3,841	1,742	8,954
Sablefish	382	173	1,417	119	54	460
Salmon	43,605	19,779	119,797	32,810	14,883	97,068
Sea bass	1,691	767	6,425	932	423	7,227
Sea trout	174	79	834	189	86	803
Shark	544	247	1,020	301	137	967
Snapper	1,016	461	6,482	976	443	6,387
Swordfish	3,317	1,505	20,735	3,082	1,398	19,526
Tilapia	1,505	683	4,688	2,449	1,111	7,227
Tuna	5,894	2,674	38,107	7,389	3,352	46,744
Wahoo	143	65	910	192	87	1,051
Whitefish	129	59	351	24	11	113
Wolffish	68	31	141	46	21	110
Unclassified	24,873	11,282	95,021	15,224	6,906	74,043
Total	587,722	266,589	1,063,742	574,484	260,584	918,056
Steaks:						
Halibut	4,947	2,244	23,980	4,112	1,865	21,941
Salmon	4,200	1,905	13,961	1,148	521	4,251
Swordfish	1,855	841	6,996	1,506	683	5,139
Tuna	5,071	2,300	15,530	3,638	1,650	11,148
Unclassified	8,660	3,928	8,859	5,247	2,380	8,610
Total	24,733	11,219	69,326	15,651	7,099	51,089
Grand total	612,455	277,808	1,133,068	590,135	267,683	969,145

(1) Revised

Note:--Some fillet products were further processed into frozen blocks.

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 2003 AND 2004

Species	Pounds per case	2003 (1)			2004		
		Standard cases	Thousand pounds	Thousand dollars	Standard cases	Thousand pounds	Thousand dollars
For human consumption:							
Fish:							
Herring	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Salmon:							
Chinook	44.25	1,898	84	289	520	23	178
Chum	44.25	108,316	4,793	3,595	118,034	5,223	3,452
Pink	44.25	2,977,808	131,768	113,425	3,227,458	142,815	126,104
Coho	44.25	39,164	1,733	2,015	44,565	1,972	2,523
Sockeye	44.25	1,122,983	49,692	122,843	1,114,531	49,318	118,999
Total salmon		4,250,169	188,070	242,167	4,505,107	199,351	251,256
Specialties	48	14,104	677	4,980	14,708	706	5,113
Sardines, Maine	23.4	(5)	(5)	(5)	(5)	(5)	(5)
Tuna: (2)							
Albacore:							
Solid	18	9,445,389	170,017	319,518	8,375,778	150,764	279,748
Chunk	18	1,614,444	29,060	47,367	1,785,500	32,139	53,737
Total albacore		11,059,833	199,077	366,885	10,161,278	182,903	333,485
Lightmeat:							
Solid	18	280,056	5,041	7,933	302,056	5,437	9,000
Chunk	18	18,066,222	325,192	293,682	13,654,444	245,780	226,341
Total lightmeat		18,346,278	330,233	301,615	13,956,500	251,217	235,341
Total tuna		29,406,111	529,310	668,500	24,117,778	434,120	568,826
Specialties	48	208	10	91	104	5	31
Other	48	263,417	12,644	16,833	351,104	16,853	20,739
Total fish	--	33,934,010	730,711	932,571	28,988,802	651,035	845,965
Shellfish:							
Clam and clam products: (3)							
Whole and minced	15	2,679,667	40,195	74,879	2,200,267	33,004	60,271
Chowder and juice	30	2,508,633	75,259	50,585	2,310,333	69,310	46,638
Specialties	48	158,896	7,627	7,003	140,208	6,730	5,840
Total clams	--	5,347,196	123,081	132,467	4,650,808	109,044	112,749
Crabs, natural	20	821	16	256	821	16	256
Lobster meat and specialties	48	11,813	567	845	1,167	56	251
Oyster, specialties	48	9,125	438	609	9,271	445	674
Shrimp, natural (4)	6.75	155,704	1,051	5,184	152,444	1,029	5,149
Other	48	45,854	2,201	3,984	21,833	1,048	1,441
Total shellfish	--	5,570,512	127,354	143,345	4,836,344	111,638	120,520
Total for human consumption	--	39,504,521	858,065	1,075,916	33,825,146	762,673	966,485
For bait and animal food	48	9,108,521	437,209	162,691	7,157,750	343,572	132,688
Grand total	--	48,613,042	1,295,274	1,238,607	40,982,896	1,106,245	1,099,173

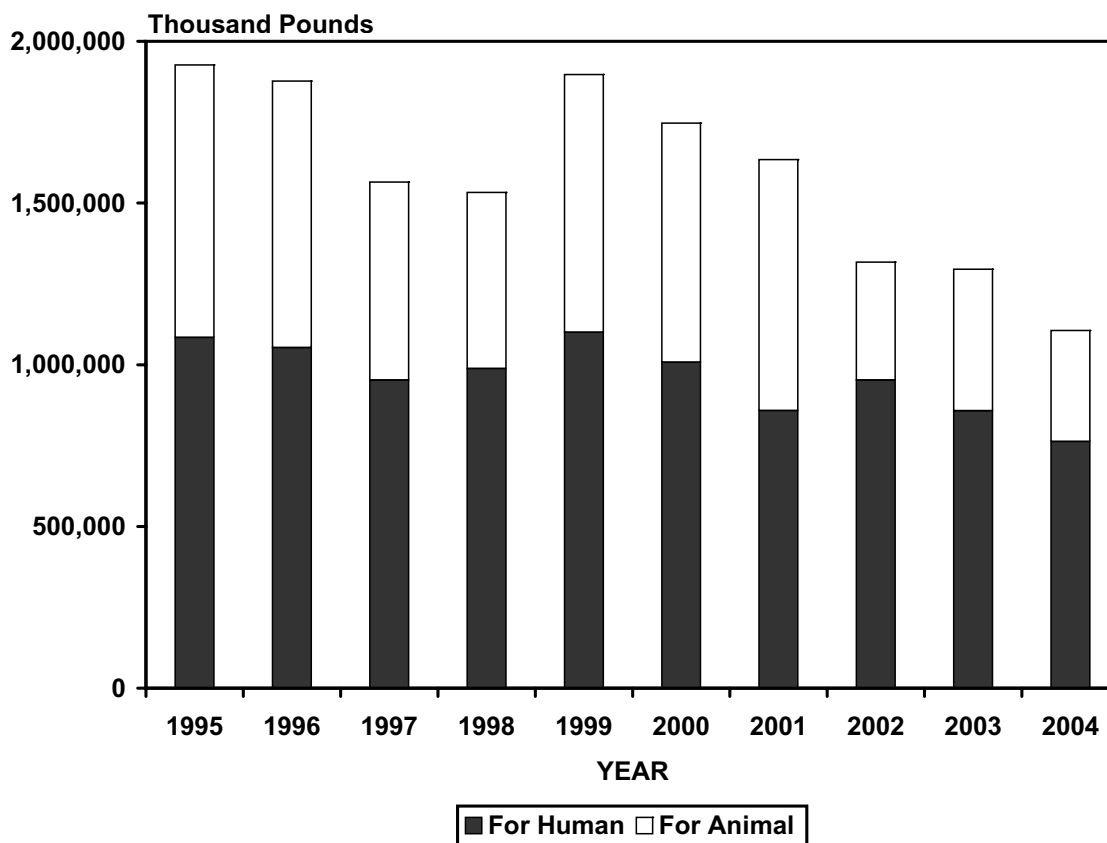
- (1) Revised.
- (2) Flakes included with chunk.
- (3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.
- (4) Drained weight.
- (5) Confidential included with 'Other.'

Processed Fishery Products

PRODUCTION OF CANNED FISHERY PRODUCTS, 1995-2004

Year	For human consumption			For animal food and bait			Total		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
1995	1,084,866	492,092	1,544,208	842,351	382,088	342,842	1,927,217	874,180	1,887,050
1996	1,052,909	477,596	1,428,937	824,094	373,807	370,945	1,877,003	851,403	1,799,882
1997	952,755	432,167	1,361,437	612,320	277,747	231,756	1,565,075	709,913	1,593,193
1998	988,693	448,468	1,425,564	544,328	246,906	349,765	1,533,021	695,374	1,775,329
1999	1,100,329	499,106	1,521,880	796,769	361,412	339,548	1,897,098	860,518	1,861,428
2000	1,008,098	457,270	1,334,012	738,821	335,127	291,992	1,746,919	792,397	1,626,004
2001	858,388	389,362	1,110,426	775,698	351,854	289,941	1,634,086	741,217	1,400,367
2002	952,624	432,107	1,150,224	364,546	165,357	139,618	1,317,170	597,464	1,289,842
2003	858,065	389,216	1,075,916	437,209	198,317	162,691	1,295,274	587,532	1,238,607
2004	762,673	345,946	966,485	343,572	155,843	132,688	1,106,245	501,789	1,099,173

Production of Canned Fishery Products, 1995-2004



Processed Fishery Products

PRODUCTION OF MEAL AND OIL, 2003 AND 2004

Product	2003			2004		
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand dollars</u>
Dried scrap and meal:						
Fish	596,089	270,384	133,596	571,236	259,111	152,758
Shellfish	6,744	3,059	439	3,905	1,771	359
Total, scrap and meal	602,833	273,443	134,035	575,141	260,882	153,117
Body oil, total	195,699	88,768	34,411	179,400	81,375	35,177

Note:--To convert pounds of oil to gallons divide by 7.75.

The above data includes products in American Samoa and Puerto Rico.

PRODUCTION OF INDUSTRIAL PRODUCTS, 1995-2004

Year	Scrap and meal		Marine animal oil		Meal and oil	Other industrial products	Grand total
	<u>Thousand pounds</u>	<u>Metric tons</u>	<u>Thousand pounds</u>	<u>Metric tons</u>			
					----- Thousand dollars -----		
1995	667,240	302,658	241,941	109,744	172,279	74,264	246,543
1996	643,124	291,719	248,399	112,673	187,968	85,583	273,551
1997	724,668	328,707	283,379	128,540	229,222	118,128	347,350
1998	613,434	278,252	222,697	101,015	172,574	60,800	233,374
1999	686,250	311,281	286,182	129,811	188,854	79,325	268,179
2000	638,244	289,506	192,348	87,248	135,815	83,023	218,838
2001	643,989	292,111	279,416	126,742	173,908	82,770	256,678
2002	637,930	289,363	210,867	95,649	181,129	51,886	233,015
2003	602,833	273,443	195,699	88,768	168,446	53,514	221,960
2004	575,141	260,882	179,400	81,375	188,294	14,620	202,914

Note:--Does not include the value of imported items that may be further processed.